ISTEP+ INDIANA STATEWIDE TESTING FOR EDUCATIONAL PROGRESS

Academic Standards Summary

State: INDIANA

Grade: 9

Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■No. of Students: 81584

Test Date: 09/18/07

Indiana Performance Index (IPI)

| The IPI is the expected number of | | | STATE SUMMARY | | | | | |
|---|--------------------------------|----------------------------------|---|--|--|--|----------------------------------|--|
| items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score. MC: Multiple-choice items OE: Open-ended items GR: Gridded response items ** : Expected IPI for a student at the passing cut score | Points Possible | IPI at Pass** | Mean Number Correct | Mean IPI | Difference | Number Mastery | Percent Mastery | |
| English/language arts | : | | | <u>:</u> | <u> </u> | | | |
| 1. Reading Vocabulary(MC,OE) 2. Reading Comp.(MC,OE) 3. Lit Response & Analysis(MC,OE) 4. Writing Process(MC) 5. Writing Applications(OE) 6. Lang. Conventions(MC,OE) *Number of Students: 79637 | 8 20 20 8 10 20 | 68 63 67 65 58 66 | 5.7 13.8 14.4 5.6 6.2 14.5 | 72.0 69.0 71.9 70.9 61.5 72.0 | 4.0 6.0 4.9 5.9 3.5 6.0 | 53635 54395 54738 53589 56378 53870 | 67 68 68 66 70 68 | |
| Mathematics | • | | | | | | | |
| 1. Number Sense(MC) | 8 | 34 | 3.8 | 48.5 | 14.5 | 56853 | 70 | |
| 2. Computation(MC) | 9 | 41 | 5.0 | 55.0 | 14.0 | 56642 | 70 | |
| 3. Algebra & Functions(MC,OE) | 25 | 29 | 10.9 | 43.9 | 14.9 | 55838 | 70 | |
| 4. Geometry(MC,OE) | 9 | 45 | 4.9 | 54.7 | 9.7 | 55360 | 69 | |
| 5. Measurement(MC,OE,GR) | 16 | 34 | 8.0 | 49.5 | 15.5 | 57230 | 72 | |
| 6. Data Analysis & Prob(MC,OE,GR) | 11 | 41 | 6.0 | 54.8 | 13.8 | 55475 | 69 | |
| 7. Problem Solving(MC,OE) *Number of Students: 79939 | 16 | 17 | 5.8 | 36.2 | 19.2 | 55882 | 70 | |
| | | | | | | | | |

^{*} Number of students that completed all tests in the content area. • Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.